IN THE CLAIMS

Please amend the claims as follows:

1. (currently amended)   A television signal ~~(TS)~~ comprising picture data ~~(P1), the television signal furthermore comprising~~ <u>and</u> a predetermined seed ~~(S1)~~, <u>which is</u> usable for initiating a pseudo-random generator yielding a deterministic sequence of random values to be used for adding noise to the picture data.

2. (currently amended)   A television signal as claimed in claim 1, ~~in which the signal comprises~~ <u>further comprising</u> several seeds ~~(S1, S2)~~ for respective groups of pictures ~~(P1, P2)~~.

3. (currently amended)   A television signal as claimed in claim 1, comprising for at least one picture ~~(P1)~~ several seeds ~~(S1, S1')~~, usable for generating noise for respective different spatial regions of the at least one picture ~~(P1)~~.

4. (currently amended)   A television signal as claimed in ~~one of the previous claims~~<u>claim 1</u>, comprising ~~further~~ coefficients ~~(C1)~~ for tuning an algorithm of the pseudo-random generator.

5.   (currently amended)   A television signal as claimed in ~~one of the previous claims~~claim 1, furthermore comprising a random generator type indicator ~~(T1)~~, for indicating a specific one of a plurality of supported pseudo-random generators.

6.   (currently amended)   A television signal as claimed in claim 1 ~~or 5~~, comprising at least two alternative seeds ~~(S1, S11)~~, in which a first alternative seed ~~(S1)~~ is to be used for a first supported pseudo-random generator or ~~alternatively~~ a second alternative seed ~~(S11)~~ is to be used for a second supported pseudo-random generator.

7.   (currently amended)   A television signal as claimed in ~~one of the previous claims~~claim 1, comprising the picture data ~~(P1)~~ in compressed form.

8.   (currently amended)   A television signal as claimed in claim 7, comprising the picture data ~~(P1)~~ in "advanced video compression" compressed form.

9.   (currently amended)   A data carrier ~~(310)~~ comprising a television signal ~~(TS)~~ as claimed in ~~one of the previous claims~~claim 1.

10. (currently amended) A data carrier ~~(310)~~ according to the blue-ray disk specification, comprising a signal as claimed in ~~one of the claims 1-8~~claim 1.

11. (currently amended) A signal processing unit ~~(200)~~ arranged to receive a television signal (TS) ~~as claimed in claim 1, and further,~~ comprising:

     extraction means (202) arranged to[[:]]
[[-]]   extract data picture elements from the picture data ~~(P1)~~ in the television signal; and
[[-]]   extract the seed ~~(S1)~~ from the television signal,
[[-]]   and video processing means ~~(204),~~ comprising[[:]]
[[-]]   a pseudo-random generator [[(208)]] arranged to generate a pseudo-random noise sequence [[(NSEQ)]] of noise picture elements based upon the seed [[(S1)]]; and
[[-]]   adding means [[(210)]] arranged to add the noise picture elements to the data picture elements on an element-by-element basis, yielding an output picture signal [[(O)]] to be displayed.

12. (currently amended) A signal processing unit [[(200)]] as claimed in claim 11, ~~further arranged to handle a television signal (TS) as claimed in claim 2, in which~~ wherein the extraction means [[(202)]] is arranged to extract a new seed [[(S2)]] for a

consecutive time instant, and the pseudo-random generator [[(208)]] is arranged to restart a pseudo-random noise sequence ~~(NSEQ)~~ generation for the new seed [[(S2)]].

13. (currently amended) A signal processing unit [[(200)]] as claimed in claim 11, ~~further arranged to handle a television signal (TS) as claimed in claim 3, in which~~ wherein the extraction means [[(202)]] is arranged to extract several seeds ~~(S1, S1')~~ for a picture [[(P1)]], in which the pseudo-random generator [[(208)]] is arranged to generate a pseudo-random noise sequence ~~(NSEQ)~~ corresponding to each of the several seeds (S1, S1'), and in which the video processing means (204) is arranged to add the noise picture elements based upon the different seeds (S1, S1') to respective different regions of the picture (P1).

14. (currently amended) A signal processing unit [[(200)]] as claimed in claim 11, ~~further arranged to handle a television signal (TS) as claimed in claim 4, in which~~ wherein the extraction means [[(202)]] is further arranged to extract coefficients [[(C1)]], and in which the pseudo-random generator [[(208)]] is arranged to adapt [[its]] an algorithm for generating the pseudo-random noise sequence ~~(NSEQ)~~ upon the coefficients.

15. (currently amended) A signal processing unit [[(200)]] as claimed in claim 11, ~~further arranged to handle a television signal (TS) as claimed in claim 5, in which~~ wherein the extraction means [[(202)]] is further arranged to extract a random generator type indicator [[(T1)]], and in which the video processing means [[(204)]] is arranged to select a particular of a number of supported random generation algorithms in dependence upon the type indicator [[(T1)]].

16. (currently amended) A disk reader apparatus, [[(300)]] comprising:

[[-]]   a data carrier input unit for inputting a data carrier ~~(310) as claimed in claim 9 or 10, further capable of~~ and extracting from the data carrier a television signal ~~(TS) as claimed in claim 1~~;

[[-]]   a signal processing unit (200) ~~as claimed in one of the claims 11 to 15,~~ arranged to supply the output picture signal [[(O)]]; and

[[-]]   a television signal output arranged to transfer the output picture signal [[(O)]] containing generated noise to a display.

17. (currently amended) A television signal receiving system,
[[(320)]] comprising:

[[-]]   a receiving unit arranged to receive from a wired or
wireless connection to a television data source a television signal
~~(TS) as claimed in claim 1~~; and

[[-]]   a signal processing unit ~~(200) as claimed in one of the
claims 11 to 15,~~ arranged <u>to</u> receive the television signal [[(TS)]]
from the receiving unit and to supply the output picture signal
[[(O)]] containing generated noise.

18. (currently amended) A method of supplying an output picture
signal, comprising:

[[-]]   receiving a television signal ~~as claimed in claim 1~~;

[[-]]   extracting data picture elements from the picture data in
the television signal;

[[-]]   extracting the seed from the television signal[[,]]<u>;</u>

[[-]]   generating a pseudo-random noise sequence of noise
picture elements based upon the seed; and

[[-]]   adding the noise picture elements to the data picture
elements on an element-by-element basis, yielding the output
picture signal.

19. (original) A computer program product comprising code enabling a processor to execute the method of claim 18.

20. (currently amended) A method of incorporating a seed in a television signal ~~as claimed in claim 1~~, comprising:

[[S1)]] fetching data picture elements;

[[S2)]] generating noise picture elements for at least one selected seed;

[[S3)]] adding the noise picture elements to the data picture elements yielding an output picture signal;

[[S4)]] analyzing the output picture signal ~~by a human operator~~ <u>manually</u>, or automatically analyzing the noise addition according to a predetermined quality determination method applying pre-programmed heuristics, either method yielding a decision output equal to PASS or FAIL;

[[S5)]] automatically incorporating the currently selected and analyzed seed in the television signal if the decision output equals PASS, and continuing with the ~~second~~ <u>generating</u> step [[S2]] for a new selected seed if the decision output equals FAIL.